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| APPLICATION NO.  | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.          | CONFIRMATION NO. |
|--|-------------|----------------------|------------------------------|------------------|
| 09/747,671   | 12/22/2000  | Jamey O. Calloway    | 17587                        | 4630             |
| 7590<br>Tyco Technology Resources<br>Suite 450<br>4550 New Linden Hill Road<br>Wilmington, DE 19808-2952 |             |                      | EXAMINER<br>JUNG, DAVID YIUK |                  |
|  |             |                      | ART UNIT<br>2134             | PAPER NUMBER     |
| SHORTENED STATUTORY PERIOD OF RESPONSE   |             | MAIL DATE            | DELIVERY MODE                |                  |
| 3 MONTHS   |             | 12/26/2006           | PAPER                        |                  |

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

|                              |                        |                     |  |
|------------------------------|------------------------|---------------------|--|
| <b>Office Action Summary</b> | <b>Application No.</b> | <b>Applicant(s)</b> |  |
|                              | 09/747,671             | CALLOWAY, JAMEY O.  |  |
|                              | <b>Examiner</b>        | <b>Art Unit</b>     |  |
|                              | David Y. Jung          | 2134                |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### **Status**

1) Responsive to communication(s) filed on 30 September 2006.  
 2a) This action is **FINAL**.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### **Disposition of Claims**

4) Claim(s) 1-17 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1-17 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### **Application Papers**

9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### **Priority under 35 U.S.C. § 119**

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### **Attachment(s)**

|  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>04/01</u> .   | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

### CLAIMS PRESENTED

Claims 1-17 are presented.

#### *Response to Arguments*

Applicant's arguments with respect to claims have been considered but are moot in view of the new ground(s) of rejection.

### CLAIM REJECTIONS

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bell (US Patent 5,930,340) and Deutsch (US Patent 5,577,115 – already cited in a previous Office Action).

Regarding claim 1, Bell teaches "A communications module for use in a premise wiring system comprising: an input for receiving a communication line containing data and voice communication services; a modem output for passing the voice and data services to a modem; a modem input for receiving only the voice service from the modem; and, a ... for receiving only the voice service from the modem input (column 5,

line 61 to column 6, line 6, i.e., splitter/filter which filters voice band signals and/or data band signals)."

These passages of Bell are not explicit about "premise output" in the sense of the claim.

Deutsch teaches "premise output (Figure 1A, CPE Interface 39 and Interface Recognition Switch 40)" for the motivation of connecting to network (column 3, lines 50-55) in accordance with proper configuration (column 8, lines 25-55, especially the description on how switch matrix 43 is used).

Hence, it would have been obvious to those of ordinary skill in the art at the time of the claimed invention to combine the teachings of Bell and Deutsch for the motivation noted in the previous paragraphs so as to teach the claimed invention.

Regarding claim 2, 4, 5 (security interface, seizure, etc.), such particular features are well known in the art for the motivation of security. See, also, Deutsch (figure 5, switch matrix 43, as it keeps out unwanted signals).

Regarding claims 3 (voice filter, etc.), such features are taught by Bell (column 5, line 61 to column 6, line 6, i.e., splitter/filter which filters voice band signals and/or data band signals).

Regarding claim 6, Bell teaches "A communications module for use in a premise wiring system comprising: an input for receiving a plurality of communication lines containing a plurality of services; a modem output for passing selected ones of the communication lines to a modem; a modem input for receiving the selected ones of the

communication lines from the modem (column 5, line 61 to column 6, line 6, i.e., splitter/filter which filters voice band signals and/or data band signals)."

These passages of Bell do not teach "a security interface for passing a selected communication line to a security system and for receiving the selected communication line from the security system; and, a premise output for receiving the selected ones of the communications lines from the modem and the selected communication from the security system" in the sense of the claim.

Deutsch teaches such features (Figure 1A, CPE Interface 39 and Interface Recognition Switch 40) for the motivation of connecting to network (column 3, lines 50-55) in accordance with proper configuration (column 8, lines 25-55, especially the description on how switch matrix 43 is used).

Hence, it would have been obvious to those of ordinary skill in the art at the time of the claimed invention to combine the teachings of Bell and Deutsch for the motivation noted in the previous paragraphs so as to teach the claimed invention.

Regarding claims 7-11 (cables, security, etc.), such particular features are well known in the art for the motivation of internetworking and security. See, also, Deutsch (figure 5, switch matrix 43, as it keeps out unwanted signals).

Regarding claim 12, Bell teaches "A communications module for use in a premise wiring system comprising: input means for receiving a plurality of services; output means for passing the plurality of services to outlets in the premise wiring system; filter interface means connected between the input means and output means for passing selected services to a filter; and, ... and the output means for passing

selected voice service to a security system (column 5, line 61 to column 6, line 6, i.e., splitter/filter which filters voice band signals and/or data band signals)."

These passages of Bell are not explicit about "security system interface means connected between the filter interface means" in the sense of the claim.

Deutsch teaches such features (Figure 1A, CPE Interface 39 and Interface Recognition Switch 40) for the motivation of connecting to network (column 3, lines 50-55) in accordance with proper configuration (column 8, lines 25-55, especially the description on how switch matrix 43 is used).

Hence, it would have been obvious to those of ordinary skill in the art at the time of the claimed invention to combine the teachings of Bell and Deutsch for the motivation noted in the previous paragraphs so as to teach the claimed invention.

Regarding claims 13-16 (security, etc.), such particular features are well known in the art for the motivation of internetworking and security. See, also, Deutsch (figure 5, switch matrix 43, as it keeps out unwanted signals).

Regarding claim 17, Bell teaches "A process of distributing voice and data signals in a premises wiring system, comprising the steps of: receiving combined voice and data signals in a module; filtering the voice and data signals to separate the voice signals from the data signals wherein the step of filtering comprises sending the combined voice and data signals from the module to a modem and sending only the voice signals from the modem back to the module; and ... (column 5, line 61 to column 6, line 6, i.e., splitter/filter which filters voice band signals and/or data band signals)."

These passages of Bell are not explicit about "distributing the filtered voice signals from the module" in the sense of the claim.

Deutsch teaches such features (Figure 1A, CPE Interface 39 and Interface Recognition Switch 40) for the motivation of connecting to network (column 3, lines 50-55) in accordance with proper configuration (column 8, lines 25-55, especially the description on how switch matrix 43 is used).

Hence, it would have been obvious to those of ordinary skill in the art at the time of the claimed invention to combine the teachings of Bell and Deutsch for the motivation noted in the previous paragraphs so as to teach the claimed invention.

### ***Conclusion***

The art made of record and not relied upon is considered pertinent to applicant's disclosure. The art disclosed general background.

### ***Points of Contact***

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**or faxed to:**

(571) 273-8300, (for formal communications intended for entry)

Or:

(571) 273-3836 (for informal or draft communications, please label "PROPOSED" or  
"DRAFT")

Any inquiry concerning this communication or earlier communications from the  
examiner should be directed to David Jung whose telephone number is (571) 272-3836  
or Jacques Louis-Jacques whose telephone number is (571) 272-6962.

David Jung

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Patent Examiner

A handwritten signature in black ink, appearing to read "David Jung", is written over a wavy line.

12/20/06